

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings(s) filed, insert date: 3/12/01, are:

A approved by the Draftsperson under 37 CFR 1.84(a) or (b);
 B objected to by the Draftsperson under 37 CFR 1.84(a) or (b); the reasons indicated below. The Examiner will re-examine the drawings(s) and make a final decision according to the instructions in the body of this notice.

1. DRAWINGS 37 CFR 1.84(a): Acceptable categories of drawings	2. ARRANGEMENT OF VIEWS 37 CFR 1.84(i): Views do not appear in a horizontal, left-to-right fashion. <input checked="" type="checkbox"/> Figures <u>3,4,7,0</u> are arranged vertically, either upright or turned sideways. <input checked="" type="checkbox"/> Figures <u>1-8</u> come to the right side, except for graphs. (Figures <u>1-8</u> are graphs)
2. PHOTOGRAPHS 37 CFR 1.84(b): <input checked="" type="checkbox"/> A full-toned set is required. (Figs.) <input checked="" type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(c).	3. SCALE 37 CFR 1.84(k): <input checked="" type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Figs.
3. TYPE OF PAPER 37 CFR 1.84(e): <input checked="" type="checkbox"/> Paper not flexible, strong, white, and durable. <input checked="" type="checkbox"/> Figures <u>3,4,7,0</u> <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlinings, folds, copy machine marks not accepted. (Figs.) <u>1-8</u> <input checked="" type="checkbox"/> Mylar, velum paper is not acceptable (too thin). <input checked="" type="checkbox"/> Figs.	4. CHARACTER OF LINES, NUMBERS & LETTERS 37 CFR 1.84(f): <input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, faint, durable, and thick, poor and questionable. Figs. <u>5,6</u> 5. SHADING 37 CFR 1.84(m): <input checked="" type="checkbox"/> Solid black shading is not permitted. (Figs.) <input checked="" type="checkbox"/> Shaded areas pale, rough and blurred. (Figs.)
5. MARGINS 37 CFR 1.84(g): Acceptable margins	6. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p): <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. (Figs.) <u>1,2,5</u> <input checked="" type="checkbox"/> Figure legends are poor. (Figs.) <u>4-8</u> <input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Figs. <input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Figs. <input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1 1/8 inch) in height. 37 CFR 1.84(p)(3) Figs.
6. VIEWS 37 CFR 1.84(h): REMINDER: Specification may require revision to correspond to drawing changes. <input checked="" type="checkbox"/> Partial views. 37 CFR 1.84(h)(2) <input checked="" type="checkbox"/> Brackets needed to show figure as one entity. <input checked="" type="checkbox"/> Figures <u>3,4</u> <input checked="" type="checkbox"/> Views not labeled separately or properly. <input checked="" type="checkbox"/> Enlarged view not labeled separately or properly. <input checked="" type="checkbox"/> Figures <u>3,4</u>	7. LINEAR DIMENSIONS 37 CFR 1.84(j): <input checked="" type="checkbox"/> Lines cross each other. (Figs.) <input checked="" type="checkbox"/> Lines missing. (Figs.)
7. NUMBERING OF SHEETS 37 CFR 1.84(l): <input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheets <u>1-8</u>	8. NUMBERING OF VIEWS 37 CFR 1.84(o): <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals beginning with number 1. (Figs.)
8. CORRECTIONS 37 CFR 1.84(w): <input checked="" type="checkbox"/> Corrections not made from prior PTO-948.	9. DESIGN DRAWINGS 37 CFR 1.142: <input checked="" type="checkbox"/> Surface shading shown not appropriate. (Figs.) <input checked="" type="checkbox"/> Solid black shading confused for color contrast. (Figs.) <u>1-8</u>
COMMENTS	

REVIEWER J. Chae DATE 3/15/02 TELEPHONE NO. 703-305-8380

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.